UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,054,507 B1
APPLICATION NO. : 09/466178
DATED   : May 30, 2006
INVENTOR(S)   : Andrew Pater Bradley et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SHEET 2

Figure 2, "colour" should read --color--.

SHEET 3

Figure 3, "colour" should read --color--.

COLUMN 2

       Line 14, "B-sp line." should read --B-spline.--.

COLUMN 3

       Line 23, "are" should read --is--.

COLUMN 8

       Line 16, "(5)" should read --(3)--.

COLUMN 11

       Line 27, "Where" should read --where--.
       Line 65, "(0)." should read --(θ).--.

COLUMN 12

       Line 51, "(IO)" should read --(I/O)--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 17

Lines 1-5,

$$``h(S_x, S_y)_{\pi/2<\theta<\pi} = \frac{1}{\sqrt{2}}\left\{ h((2\theta/\pi - 1)S_x + (2\theta/\pi - 2)S_y)_{c=0.5} \cdot h(((2\theta/\pi - 2)S_x + (1 - 2\theta/\pi)S_y)w(\theta))_{c=0}\right\},"$$

should read

$$-h(S_x, S_y)_{0\leq\theta\leq\pi/2} = \frac{1}{\sqrt{2}}\left\{ h((2\theta/\pi - 1)S_x + (2\theta/\pi - 2)S_y)_{c=0.5} \cdot h(((2\theta/\pi - 2)S_x + (1 - 2\theta/\pi)S_y)w(\theta))_{c=0}\right\}, --.$$

Line 27-37,

$$``h(s) = \begin{cases} 1, & -d < |s| \leq d \\ 0, & (1-d) \geq s > (1-d) \\ 2\left|\dfrac{s-d}{1-2d}\right|^3 - 3\left|\dfrac{s-d}{1-2d}\right|^2 + 1, \end{cases}"$$ should read

$$h(s) = \begin{cases} 1, -d < s \leq d \\ 0, (1-d) \geq s > (1-d) \\ 2\left|\dfrac{s-d}{1-2d}\right|^3 - 3\left|\dfrac{s-d}{1-2d}\right|^2 + 1, \end{cases} --.$$

Line 45-47,

$$``h(S_x, S_y)_{\theta=\pi/4} = \frac{1}{\sqrt{2}}\left\{ h\left(\frac{S_x + S_y}{2}\right)_{c=0.5} \cdot h\left(\frac{S_x - S_y}{\sqrt{2}}\right)_{c=0}\right\},"$$

should read

$$-h(S_x, S_y)_{\theta=\pi/4} = \frac{1}{\sqrt{2}}\left\{ h\left(\frac{S_x + S_y}{2}\right)_{c=0.5} \cdot h\left(\frac{S_x - S_y}{\sqrt{2}}\right)_{c=0}\right\} --.$$

Line 53, "and indicates" should read --and · indicates--.
Line 55, "method" should read --apparatus--.

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COLUMN 18

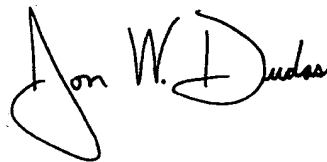Line 56-65,   "

$$h(s) = \begin{cases} 1, & -d < |s| \le d \\ 0, & (1-d) \ge s > (1-d) \\ 2\left|\dfrac{s-d}{1-2d}\right|^3 - 3\left|\dfrac{s-d}{1-2d}\right|^2 + 1, \end{cases}$$

" should read

$$h(s) = \begin{cases} 1, -d < s \le d \\ 0, (1-d) \ge s > (1-d) \\ 2\left|\dfrac{s-d}{1-2d}\right|^3 - 3\left|\dfrac{s-d}{1-2d}\right|^2 + 1, \end{cases}$$

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Signed and Sealed this

Twenty-eighth Day of November, 2006

JON W. DUDAS
Director of the United States Patent and Trademark Office